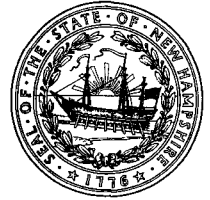




The State of New Hampshire
Department of Environmental Services



Michael P. Nolin
Commissioner

May 11, 2005
Letter of Deficiency
DSP#05-011

Dr. John Richardson Jr.
97 Dogford Road
Etna, NH 03050

RE: Richardson Pond Dam #108.30, Hanover

Dear Dr. Richardson Jr.:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that play a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on April 26, 2005. During this visual inspection and/or file review, the following deficiencies were observed:

1. The outlet structure, comprised of CMP pipe, has exceeded its life expectancy of 30 years and is in need of repair or replacement. The horizontal section of outlet piping was corroded to the extent the vegetation was growing up through the pipe; and
2. There is no operation and maintenance plan (O&M) on file at DES.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

July 1, 2005:

1. Submit a draft O&M plan for review by DES. Enclosed are guidelines for your use;
2. Make plans to repair or replace the CMP drop inlet and outlet piping. Keep DES informed as to your progress with repairing the drop inlet piping. As discussed at the site visit, sliplining the outlet pipe will not require a permit from DES however, replacement of the drop inlet and outlet piping will require a dam reconstruction permit and wetlands permit from DES before proceeding. A New Hampshire registered Professional Engineer will need to be involved with any outlet structure replacement; and

December 1, 2005:

3. Complete repairs to the CMP drop inlet and outlet piping.

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. Please call or write to our office if the repairs are completed ahead of the aforementioned schedule so that DES may schedule a follow-up inspection. Unless notified otherwise, DES will conduct the follow-up inspection on or after the date(s) indicated above. If you believe changes

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to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the bottom of the previous page.

Sincerely,


Grace E. Levergood, P.E.
Dam Safety Engineer

Attachments Guideline for an O&M plan, DB13
cc: Gretchen R. Hamel, Legal Unit Administrator ✓

Town of Hanover

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